

AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An optical fiber drawing apparatus, comprising:

a heating furnace adapted to melt an optical fiber mother material and to draw an optical fiber;

~~optical fiber processing apparatus including an optical fiber standard value controller unit adapted to control standard values of the optical fiber drawn;~~

~~a roller arrangement which provides a direction of travel of the optical fiber at an output thereof which is different from a direction of travel of the optical fiber at an input thereof, and which draws said optical fiber substantially around a circular arc having an adjusted curvature radius, said roller arrangement comprising:~~

~~a fixing roller immediately following the optical fiber processing apparatus standard value controller unit and adapted to change a drawing direction of the optical fiber to a curvature radius which is less than the adjusted curvature radius;~~

~~at least two movable rollers immediately following the fixing roller and on a same side of said optical fiber as said fixing roller, said at least two movable rollers having axial~~

centers which are movable to different positions, respectively, for gradually adjusting the adjusted a curvature radius of the optical fiber which has a changed drawing direction in order to release bending stress and stress concentration in the optical fiber within a predetermined stress and thereby decrease a possibility of breakage of the optical fiber,

~~said fixing roller and said at least two movable rollers being arranged so that said optical fiber always travels substantially around a common circular arc having said adjusted curvature radius; and~~

~~a winding apparatus adapted to wind the optical fiber which has an adjusted curvature radius; and~~

at least two brackets, each bracket connected to a respective one of said at least two movable rollers to provide translation movement of the respective one of said at least two movable rollers in at least one translation direction relative to the optical fiber.

2. (Canceled)

3. (Currently Amended) The apparatus of claim 1 or 2, wherein each said bracket comprises a vertical direction guide formed by a groove extending in a vertical direction and in which a shaft of the respective said at least two movable rollers roller is

guided, in order for the respective said ~~at least two movable~~  
~~rollers~~ roller to reciprocate in said vertical direction.

4. (Currently Amended) The apparatus of claim 3, wherein a pivot joint is installed at one end of the each bracket, and the each bracket is rotatable about the its pivot joint.

5. (Currently Amended) The apparatus of claim 1 ~~2~~, further comprising a spin apparatus capable of imparting a spin to the optical fiber by reciprocating the at least one said bracket in a transverse direction with respect to a drawing plane of the optical fiber, said spin apparatus being connected with the said at least one said bracket which is also connected to a respective said one among ~~said at least two movable~~ roller ~~rollers~~.

6. (Previously Presented) The apparatus of claim 5, wherein said spin apparatus includes a link connected CAM.

7-9. (Canceled)